

Trying 3106016892...Open

Welcome to STN International! Enter x:x
LOGINID:sssptal200exs
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files
NEWS 3 Feb 06 Engineering Information Encompass files have new names
NEWS 4 Feb 16 TOXLINE no longer being updated
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7 May 07 DGENE Reload
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's
DWPI and DPCI
NEWS 10 Aug 23 In-process records and more frequent updates now in
MEDLINE
NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
NEWS 12 Aug 23 Adis Newsletters (ADISNEWS) now available on STN

NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,
CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:48:25 ON 06 SEP 2001

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'CAPLUS' ENTERED AT 17:48:31 ON 06 SEP 2001
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FILE COVERS 1947 - 6 Sep 2001 VOL 135 ISS 11
FILE LAST UPDATED: 5 Sep 2001 (20010905/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

CAPLUS now provides online access to patents and literature covered in CA from 1947 to the present. On April 22, 2001, bibliographic information and abstracts were added for over 2.2 million references published in CA from 1947 to 1966.

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=> sdel1944910/pn
SDE1944910 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> s del1944910/pn
L1 1 DE1944910/PN

=> d l1 all

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
AN 1970:133402 CAPLUS
DN 72:133402
TI .epsilon.-Caprolactam
IN Tanaka, Ikuzo; Tanaka, Makoto; Uehara, Hideo
PA Teijin Ltd.
SO Ger. Offen., 33 pp.
CODEN: GWXXBX
DT Patent
LA German
IC C07D
CC 35 (Synthetic High Polymers)
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 1944910	A	19700409	DE 1969-1944910	19690904 <--
	GB 1268869	A	19720329	GB 1969-1268869	19690828
	US 3658810	A	19720425	US 1969-854263	19690829
	CH 517749	A	19720115	CH 1969-517749	19690903
	NL 6913502	A	19700306	NL 1969-13502	19690904
	FR 2017388	A5	19700522	FR 1969-30213	19690904
PRAI	JP 1968-63611		19680904		
	JP 1968-71048		19680930		
	JP 1968-62611		19680904		

AB .epsilon.-Caprolactam (I) is continuously produced by heating
H2N(CH2)5CO2H, H2N(CH2)5CONH2, or their mixts. at 150-400.degree. and 1-5
atm with superheated steam in noncatalyzed and catalytic reactions.

Thus,
13.1 g H2N(CH2)5CO2H was treated for 18 min at 115-200, 12 min at
200-290.degree., and 240 min at 290-300.degree. with 3 g/min steam at
200-230.degree. to give 73.5% I. I was similarly prepd. by using
catalysts, e.g., stabilized Ni, Pd, NaH2PO3, H2SO4, m-(HO3S)2C6H4, CuSO4,
FeSO4, hydrated TiO2, and NH4B5O8.

ST caprolactam prodn; aminocaproic acid steam reaction; steam aminocaproic
acid reaction; aminocaproamide steam reaction; catalysts caprolactam
prepn

IT Catalysts
(for manuf. of caprolactam)

IT Boric acid, ammonium salt
RL: CAT (Catalyst use); USES (Uses)
(catalysts, for manuf. of caprolactam)

IT 98-48-6 7440-02-0, uses and miscellaneous 7440-05-3, uses and
miscellaneous 7664-93-9, uses and miscellaneous 7681-53-0 7720-78-7
7758-98-7, uses and miscellaneous 13463-67-7, uses and miscellaneous
RL: CAT (Catalyst use); USES (Uses)
(catalysts, for manuf. of caprolactam)

IT 105-60-2P, preparation
RL: PREP (Preparation)
(continuous, catalysts for)

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.30	5.45
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.59	-0.59

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STN INTERNATIONAL LOGOFF AT 17:51:11 ON 06 SEP 2001